

George Crockett Academy Water Sampling Lead Analysis Report

1. INTRODUCTION

1.1. GENERAL

This report presents the results of our water sampling performed at the site of George Crockett Academy, 4851 14th St., Detroit, MI., on May 18th, 2016. The sample results taken in conjunction with this investigation are also presented on Appendix 1.

1.2. OBJECTIVES AND SCOPE

In general, the objectives of this investigation were to:

Accurately evaluate water outlets for lead above the EPA Maximum Contaminate Level (MCL).

1.3. AUTHORIZATION

Authorization was provided by phone for our Professional Services by Michael Jackson, school leader, on May 6th, 2016.

2. SITE INVESTIGATIONS

2.1. FIELD PROGRAM

In order to sample and evaluate water, GSES took six samples, a First Draw sample and a Flush sample, from three different locations on the site.

The field portion of our investigation was under control and continual supervision of an experienced member of our field scientist staff.

2.2 LABORATORY TESTING

2.2.1. General

In accordance with ASTM D3559 and the U.S. Environmental Protection Agency guidelines for lead in drinking water at schools and child care facilities, we took two samples: first draw and flush, which is the required testing standard for drinking water lead contamination.



Results of the tests indicate that the water is below the threshold for lead contamination. A copy of the lab report and Chain of Custody is attached (Appendix 1).

3. DISCUSSIONS AND RECOMMENDATIONS

3.1. DISCUSSIONS OF FINDINGS

The water results are below the threshold for lead contamination.

We appreciate the opportunity of providing this service for you. If you have any questions concerning this report or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

Michael Etters Field Scientist Monica Starks, CIEC

Principal

Council-certified Indoor Environmental Consultant Board-awarded by the American Council for Accredited Certification



Appendix 1, Lab Results, Chain of Custody

National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 366483 5/27/2016

Customer:

G. S. Group Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Crockett Academy, DC-01-KC-01-P

Source City: Detroit

Source State: MI

Date/Time Received:

5/20/2016 14:25

Collected by:

M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND"

This contaminant was not detected at or above our lower reporting limit (LRL)

"NA"

Not Analyzed

"Standard"

This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA

Secondary Standards.

"LRL"

This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF"

This column indicates the contaminant dilution factor.

Report Notes:

Fed Id # Contaminant	Method	Standard	Units	LRL	Level	DF	Date/Time	Date	Date/Time
	.				Detected		Sampled	Prepped	Analyzed
			Inorgai	nic Analy	tes - Metals				
1030 Lead	200.8	0.015	ma/L	0.001	ND	1	5/18/2016 06:	9E	5/25/2016

These test results may be used for compliance purpose as required.

Analyst Tests
EC 200.8

National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 355484 5/27/2016

Customer:

G. S. Group Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Crockett Academy, DC-01-KC-01-F

Source City: Detroit

Source State: MI

Date/Time Received:

5/20/2016 14:25

Collected by:

M. Etters

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1030 Lead	200.8 0.015	Inorganic Analy mg/L 0.001	rtes - Metals ND	1 5/18/2016 06:3	5	5/25/2016	

These test results may be used for compliance purpose as required.

Analyst Tests EC 200.8

James Abston, Operations Manager

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Page

1 of 1 355484

Lead Only

Date Printed: 5/27/2016 7:54:28 AM

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ANALYTICAL REPORTS

SAMPLE CODE: 355485 5/27/2016

Customer:

G. S. Group

Monica Starks 17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Crockett Academy, DC-01-WC-02-P

Source City: Detroit

Source State: MI

Date/Time Received:

5/20/2016 14:25

Collected by:

M. Etters

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			Detected	Sampled	Prepped	Analyzed
		Inorganic Analy	tes - Metals			
1030 Lead	200.8 0.015	mg/L 0.001	ND	1 5/18/2016 06:3	15	5/25/2016

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SAMPLE CODE: 355486 5/27/2016

Customer:

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17800 Woodward Ave

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Detroit, MI 48203

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Crockett Academy, DC-01-WC-02-F

Source City: Detroit

Source State: MI

Date/Time Received:

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ine	organic Analytes	- Metale		

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SAMPLE CODE: 355487 5/27/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Crockett Academy, DC-01-CF-03-P

Source City: Detroit

Source State:MI

Date/Time Received:

5/20/2016 14:25

Collected by:

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				Detected	Sampled	Prepped	Analyzed
		Inorga	nic Analy	/tes - Metals			

These test results may be used for compliance purpose as required.

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EC	200.8

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ANALYTICAL REPORTS

SAMPLE CODE: 355488 5/27/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Crockett Academy, DC-01-CF-03-F

Source City: Detroit

Source State: MI

Date/Time Received:

5/20/2016 14:25

Collected by:

M. Etters

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These test results may be used for compliance purpose as required.

Analyst Tests EC 200.8

Mational Testing Laboratories, Ltd.

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1-800-458-3330

General Compliance

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2077502 05/16/2016

Order Date: Sample Number: 2016

Product:

Lead Only

Sample Paid: No

Payment Method:

TSR: EF

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Detroit	MI 48203	Check #:
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Phone Number: 313-	896-6078	
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National Testing Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

General Compliance

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2077502

Order Date:

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Sample Paid: No

Payment Method:

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17800 Woodward Ave		Payment \$:
Detroit	MI 48203	Check #:
		Lab Comments/Special Instructions:
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National Testing Laboratories, Ltd.

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National Testing Laboratories, Ltd.

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Payment Method:

	TSR: EF	
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G. S. Group Monica Starks		Lab Accounting Information:
17800 Woodward Ave		Payment \$:
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Mational Testing Laboratories, Ltd.

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Sample Paid: No

Payment Method:

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G. S. Group		Lab Accounting Information:
Monica Starks		
17800 Woodward Ave Detroit	MI 48203	Payment \$:
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		Lab Comments/Special Instructions:
Date Sampled : 5,18,1	16	
Time Sampled: 6:35		
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Client Name: Crocke		
Phone Number: 313-	896-6078	
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Sample Collected By:	Michael Etters (Please Print)	
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Mational Testing Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

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Detroit

17800 Woodward Ave

Date Sampled :5/16/16

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Sample ID or Source: A

Source Type: Spring Well

Fax Number:

Other:

City & State:

Sample Collected By

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General Compliance

355488

Order Number: Order Date:

2077502

05/16/2016

Sample Number: Product:

Lead Only

Sample Paid: No

Payment Method:

TSR: EF

MI 48203

Please Use Military Time, e.g 3.00pm = 15:00

	For Laboratory Use ONLY
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	Lab Comments/Special Instructions:
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